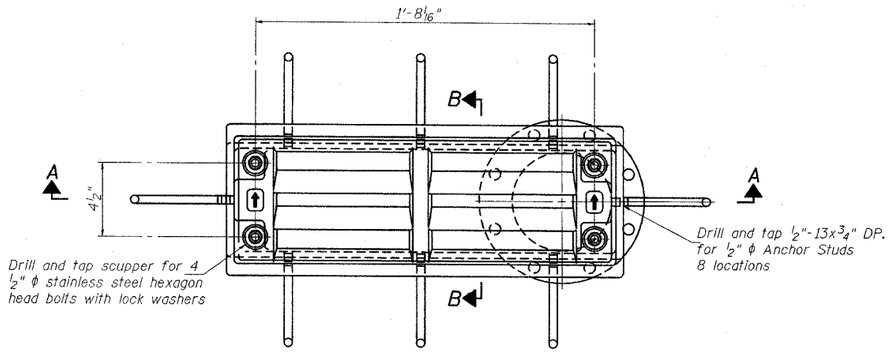
CONTRACT NO. 83664

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

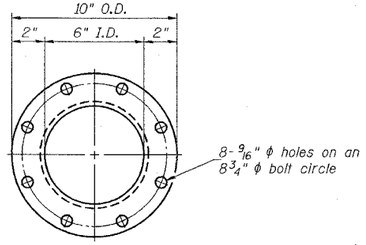
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	96-00099-00-BR	DUPAGE	62	53
STA. 13+25.00		TO STA. 16+55.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

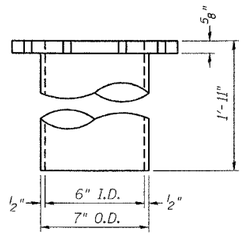
SHEET-S22 OF S22

Contr. 83664

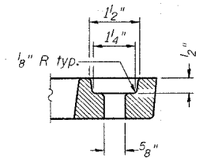


PLAN

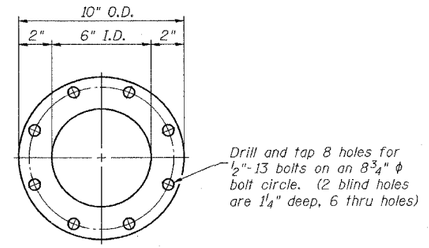




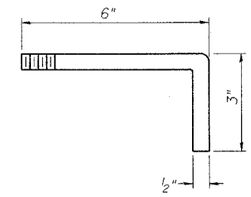
DOWNSPOUT



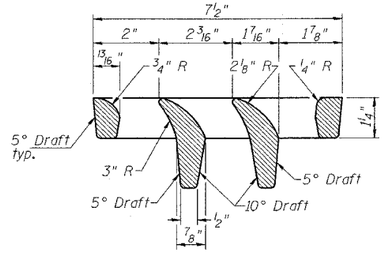
BOLT HOLE DETAIL



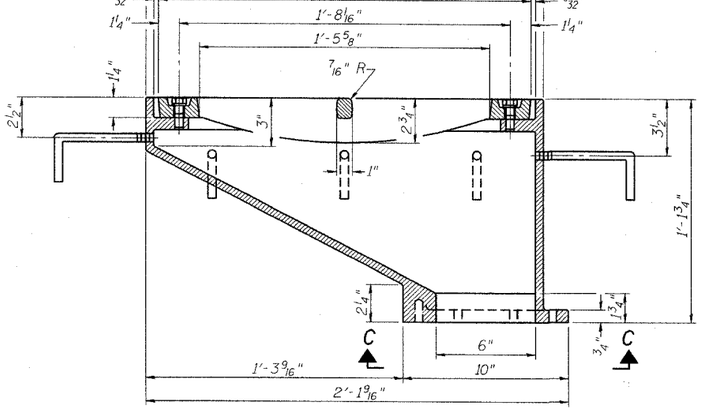
VIEW C-C



ANCHOR STUD DETAIL

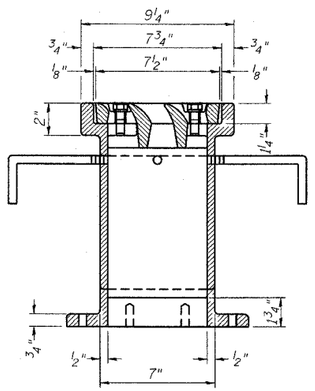


VANE GRATE DETAIL

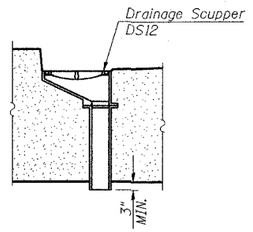


SECTION A-A

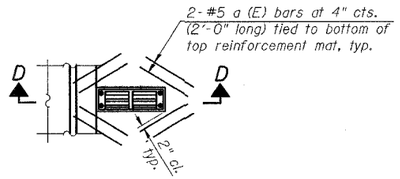
See sheet S1 and S6 for scupper location.



SECTION B-B



SECTION D-D



PLAN

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

The grate, frame and downspout shall be galvanized according to AASHTO M 111 and ASTM A 385. Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-12.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers, DS-12	Each	4

REVISIONS NAME	DATE

CITY OF NAPERVILLE

DRAINAGE SCUPPER DS-12 DETAILS

MAIN STREET BRIDGE OVER
WEST BRANCH DUPAGE RIVER
STRUCTURE NO. 022-6755 - STA. 15+00.00

SCALE: DRAWN BY JHR

DATE JULY 9, 2004 CHECKED BY SCD

DATE = Tue Jul 13 09:14:11 2004

DGN = L:\work\65154\cadd\drawings\Bridge\DI2SCUP.dgn